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**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY PATENT APPLICATION**

Attorney's Docket No. \_\_\_\_\_

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

OPTICAL DEVICE AND FABRICATION THEREOF

the specification of which

(check one)

is attached hereto;

was filed on July 5, 2001 as

Application No. \_\_\_\_\_

and was amended on \_\_\_\_\_  
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

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COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
Sweden	0002580-9	07.07.2000	YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>
			YES <u>  </u> NO <u>  </u>

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	James A. LaBarre	28,632	Matthew L. Schneider	32,814
Peter H. Smolka	15,913	E. Joseph Coss	28,510	Michael G. Savage	32,596
Robert S. Swecker	19,885	R. Danny Huntington	27,903	Gerald F. Swiss	30,113
Platon N. Mandros	22,124	Eric H. Weisblatt	30,505	Michael J. Ure	33,089
Benton S. Duffett, Jr.	22,030	James W. Peterson	26,057	Charles F. Wieland III	33,096
Norman H. Stepono	22,716	Teresa Stanek Rea	30,427	Bruce T. Wieder	33,815
Ronald L. Grudziecki	24,970	Robert E. Krebs	25,885	Todd R. Walters	34,040
Frederick G. Michaud, Jr.	26,003	William C. Rowland	30,888	Ronni S. Jillions	31,979
Alan E. Kopecki	25,813	T. Gene Dillahunt	25,423	Harold R. Brown III	36,341
Regis E. Slutter	26,999	Patrick C. Keane	32,858	Allen R. Baum	36,086
Samuel C. Miller, III	27,360	Bruce J. Boggs, Jr.	32,344	Steven M. du Bois	35,023
Ralph L. Freehand, Jr.	16,110	William H. Benz	25,952	Brian P. O'Shaughnessy	32,747
Robert G. Mukai	28,531	Peter K. Skiff	31,917		
George A. Hovanec, Jr.	28,223	Richard J. McGrath	29,195		

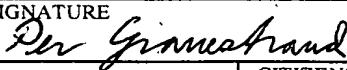
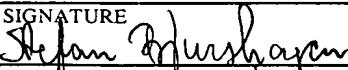
and: Robert G. Mukai

Address all correspondence to:

Robert G. Mukai  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

Address all telephone calls to: \_\_\_\_\_ at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR <b>Per Granstrand</b>	SIGNATURE 	DATE <b>May 18th, 2001</b>
RESIDENCE <b>Tyresö, Sweden</b>	CITIZENSHIP <b>Swedish</b>	
POST OFFICE ADDRESS <b>Ringvägen 9A, SE-135 50 Tyresö, Sweden</b>		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY <b>Stefan Bjurshagen</b>	SIGNATURE 	DATE <b>June 26, 2001</b>
RESIDENCE <b>Bandhagen, Sweden</b>	CITIZENSHIP <b>Swedish</b>	
POST OFFICE ADDRESS <b>Harpsundsvägen 147, SE-124 58 Bandhagen, Sweden</b>		

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FULL NAME OF THIRD JOINT INVENTOR, IF ANY Åsa Björkström		SIGNATURE <i>Åsa Björkström</i>	DATE JUNE 28 2001
RESIDENCE Järfälla, Sweden		CITIZENSHIP Swedish	
POST OFFICE ADDRESS Rondellen 18, SE-176 71 Järfälla, Sweden			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY Lennart Lundqvist		SIGNATURE <i>Lennart Lundqvist</i>	DATE MAY 18-2001
RESIDENCE Kista, Sweden		CITIZENSHIP Swedish	
POST OFFICE ADDRESS Torneågatan 47, SE-164 79 Kista, Sweden			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

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Attorney's Docket No.

FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF THIRTEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FOURTEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FIFTEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
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FULL NAME OF EIGHTEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF NINETEENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTIETH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

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FULL NAME OF TWENTY-FIRST JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTY-SECOND JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTY-THIRD JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTY-FOURTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTY-FIFTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTY-SIXTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
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FULL NAME OF TWENTY-SEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
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RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWENTY-NINTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			